Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 28 Sep 2023 until 23:59 on Friday 29 Sep 2023

Forecast Issued on Wednesday 27 Sep 2023 at 16:46

Confidence: High confidence for some rain and strong winds at times, but with some calmer, drier interludes. Moderate confidence for Thursday's rainfall with the potential for heavy rain and gales.

Headline for Thursday 28 Sep 2023: A mainly dry, bright day with strongest winds easing. A risk of persistent rain later.

Mountain weather hazards on Thursday 28 Sep 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Dull	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Heavy Rain
Precipitation probability							
30%	20%	10%	<05%	<05%	<05%	20%	70%

Forecast for Thursday 28 Sep 2023

Weather: Gale force winds continuing overnight, though slowly easing. Mostly cloudy conditions expected along with some patchy drizzle, mainly on western slopes in the early hours. Mainly dry and bright in the daytime, with winds easing a little through the middle of the day, but still remaining fairly strong. Turning cloudier during the late afternoon and evening, with a risk for a more persistent and widespread period of rain to develop in the evening. This could be heavy and accompanied by near gale force winds on summits.

Chance of cloud-free hill tops above 600m: 90%, but falling to 60% by the evening.

Low cloud and visibility: Cloud generally above summits through the morning, but a few small patches of cloud possible on the highest Peaks at first. A chance for more widespread low cloud to develop during the evening with extensive bases 400-500m and patches below this. Visibility generally very good, but becoming moderate or poor if persistent rain develops.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 28 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	38/51 SW	35/47 SW	29/40 SW	26/34 SW	23/31 SW	20/28 SW	20/29 S	21/30 S	16/24 S
300	28/41 SW	24/34 SW	20/31 SW	18/26 SW	17/24 SW	16/24 S	14/23 S	14/23 S	11/18 S
Valley	19/39 SW	16/34 SW	14/30 SW	12/25 SW	12/24 SW	11/24 S	10/23 S	10/23 S	8/18 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/6	10/5	9/4	9/5	10/7	11/8	11/7	10/6	11/8
300	13/9	13/9	11/8	12/9	13/10	14/11	13/11	12/10	13/11
Valley	14/10	13/10	12/9	13/11	14/12	15/13	14/12	13/11	13/12
Freezing Level*	2500m	2100m	1900m	1700m	1800m	1900m	2100m	2700m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds on summits may exceed those indicated in the tables above, especially into the evening. Walking conditions are expected to be tricky given strong winds, particularly early and late in the day. A risk of heavy, persistent rain into the evening would bring poor visibility and disorientating conditions as cloud thickens.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 27 Sep 2023	0mm	0.2mm	0.2mm

Forecast for Friday 29 Sep 2023

Weather: Rain clearing overnight with winds easing a little, though probably still mostly cloudy around dawn. Early cloud soon clearing to leave a generally dry, bright and rather windy day. Just a small chance of the odd, blustery afternoon shower developing inland. Fine through the evening.

Maximum wind: Westerly 20-25mph, gusting 35mph.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: A few small patches of cloud may cover high western Peaks through the early morning, otherwise fine. Visibility will be good or very good.

Temperature: **Valleys:** Plus 11 increasing Plus 17 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.